

RECEIVED  
CENTRAL FAX CENTER

JUN 03 2005

Docket No.: 2336-257

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Seung Wan CHAE *et al.*

: Confirmation No. 2845

U.S. Patent Application No. 10/811,808

: Group Art Unit: 2814

Filed: March 30, 2004

: Examiner: Seung Wae Chae

For: GALLIUM NITRIDE (GaN)-BASED SEMICONDUCTOR LIGHT EMITTING DIODE  
AND METHOD FOR MANUFACTURING THE SAME

RESPONSE TO RESTRICTION REQUIREMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

Sir:

By Official Action mailed May 4, 2005, restriction to one of the following inventions is required:

**Group I:** Claims 1-5, drawn to a GaN-based semiconductor light-emitting diode, classified in class 257, subclass 79.

**Group II:** Claims 6-14, drawn to a method of manufacturing the device, classified in class 438, subclass 22.

In response, Applicants hereby elect Group I, upon which claims 1-5 are readable.

The election is made *with traverse* because the search and examination of the entire application can be made without serious burden. Inventions II and I are related as process of making and product made. In the relevant art, i.e., semiconductor device design and fabrication,

**Application No.: 10/811,808**

Docket No.: 2336-257

references often describe both the semiconductor device's structure and manufacturing method, as will be apparent to the Examiner upon conducting a search for prior art. Therefore, both Inventions I and II can be covered in a single search. Accordingly, Applicants respectfully submit that the search and examination of the entire application can be made without serious burden on the Examiner.

In view of the above, withdrawal of the Restriction Requirement and consideration of all claims pending in the instant application are believed appropriate and therefore courteously solicited.

**Early examination on the merits is courteously solicited.**

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 07-1337 and please credit any excess fees to such deposit account.

Respectfully submitted,  
**LOWE HAUPTMAN & BERNER, LLP**

Randy A. Noranbrock for Benjamin J. Hauptman  
Registration No. 42,940 Registration No. 29,310

*USPTO Customer No. 22429*  
1700 Diagonal Road, Suite 310  
Alexandria, VA 22314  
(703) 684-1111 BJH/KL/kjb  
(703) 518-5499 Facsimile  
**Date:** June 3, 2005

**CERTIFICATION OF FACSIMILE TRANSMISSION**

I HEREBY CERTIFY THAT THIS PAPER IS BEING FACSIMILE TRANSMITTED  
TO THE PATENT AND TRADEMARK OFFICE ON THE DATE SHOWN BELOW.

<i>Kindra Bryant</i>	
TYPE OR PRINT NAME OF PERSON SIGNING CERTIFICATION	
	<u>June 3, 2005</u>
SIGNATURE	DATE
<u>703-872-9306</u>	
FACSIMILE NUMBER	